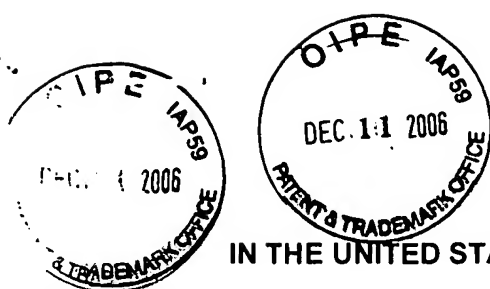


IFW



Attorney Docket No. 1568.1077

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Joong-Hun KIM

Serial No. 10/733,335

Group Art Unit: 1745

Confirmation No. 7474

Filed: December 12, 2003

Examiner: Stephen J. Kalafut

For: POUCH-TYPE LITHIUM SECONDARY BATTERY

**COMMUNICATION TO THE EXAMINER REQUESTING CONSIDERATION OF TIMELY FILED  
INFORMATION DISCLOSURE STATEMENT AND NOTICE OF RECORDATION OF  
ASSIGNMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to a review of the instant application following receipt of the Notice of Allowance mailed December 5, 2006, it appears that the applicants have not received confirmation that the Information Disclosure Statement filed on December 6, 2006 has been considered. A copy of the Information Disclosure Statement date stamped December 6, 2006 is enclosed for the convenience of the Examiner. It is respectfully requested that the Examiner confirm consideration of the Information Disclosure Statement.


It also appears that the applicants have not received confirmation that the Assignment and Recordation Form Cover Sheet filed December 12, 2003 have been recorded. Applicants therefore respectfully request that the Assignment be recorded if it has not yet been recorded. Copies of the Assignment, Recordation Form Cover Sheet, and Notice of Acceptance of Power of Attorney, mailed April 13, 2005, are enclosed herewith. Please note that corresponding to the recordation of assignment should be mailed to the firm and address listed on the Notice of Acceptance of Power of Attorney and not that which is listed on the Recordation Form Cover Sheet and Assignment.

If the Examiner has any remaining issues to be addressed, it is believed that prosecution can be expedited by the Examiner contacting the undersigned attorney for a telephone interview to discuss resolution of such issues.

Respectfully submitted,

STEIN, MCEWEN & BUI LLP

Date: 12/18/06

By:   
Howard I. Levy  
Registration No. 55,378

1400 Eye Street, NW  
Suite 300  
Washington, DC 20005  
Telephone: (202) 216-9505  
Facsimile: (202) 216-9510

MD3



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/733,335	12/12/2003	Joong-Hun Kim	1568.1077

49455  
STEIN, MCEWEN & BUI, LLP  
1400 EYE STREET, NW  
SUITE 300  
WASHINGTON, DC 20005

CONFIRMATION NO. 7474



Date Mailed: 04/13/2005

### NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 03/24/2005.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

CRYSTAL R. QUEEN  
1700 (571) 272-1041

ATTORNEY/APPLICANT COPY

RECEIVED  
APR 15 2005  
STEIN, MCEWEN & BUI, LLP

Please Date Stamp and return

New Application Fee Transmittal; Utility Patent Application Transmittal; Utility Patent Application (including Specification (9 pgs.), Claims (3 pgs.), Abstract (1 pg.), and Drawings (5 sheets - Figs. 1-9)); Executed Declaration (1 pg.); Recordation Form Cover Sheet (1 pg.); Executed Assignment (1 pg.); Submission of Certified Copies of Prior Foreign Application (Korean Patent Application No. 2002-80873); and a check for \$810.00

APPLICANT(S): Joong-Hun Kim  
APPLICATION NO: New  
CONFIRMATION NO. New  
TITLE: POUCH-TYPE LITHIUM SECONDARY BATTERY  
FILING DATE: December 12, 2003  
DOCKET NO: 1568.1077/MDS/DXR:cmt  
DUE DATE: December 17, 2003



47

Please Date Stamp and return

New Application Fee Transmittal; Utility Patent Application Transmittal; Utility Patent Application (including Specification (9 pgs.), Claims (3 pgs.), Abstract (1 pg.), and Drawings (5 sheets - Figs. 1-9)); Executed Declaration (1 pg.); Recordation Form Cover Sheet (1 pg.); Executed Assignment (1 pg.); Submission of Certified Copies of Prior Foreign Application (Korean Patent Application No. 2002-80873); and a check for \$810.00

APPLICANT(S): Joong-Hun Kim  
APPLICATION NO: New  
CONFIRMATION NO. New  
TITLE: POUCH-TYPE LITHIUM SECONDARY BATTERY  
FILING DATE: December 12, 2003  
DOCKET NO: 1568.1077/MDS/DXR:cmt  
DUE DATE: December 17, 2003

22278 U.S. PTO  
10/733335





FORM PTO-1595

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

2001 Staas &amp; Halsey LLP

## PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Joong-Hun Kim
2. Name and Address of receiving party(ies):  
  
SAMSUNG SDI CO., LTD.  
575, Shin-dong, Yeongtong-gu  
Suwon-si, Gyeonggi-do  
Republic of Korea
3. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_  
Execution Date(s): December 1, 2003
4. Application number(s) or patent number(s):  
☒ This document is being filed together with a new application:  
(a) The execution date(s) of the application is/are: December 12, 2003  
(b) The title is: POUCH-TYPE LITHIUM SECONDARY BATTERY  
OR  
☐ This document is being filed after filing of the application:  
(a) Patent Application No(s). /, filed \_\_\_\_\_; or  
(b) Patent No(s). \_\_\_\_\_, issued \_\_\_\_\_
5. Name and address of party to whom correspondence concerning document should be mailed:  
STAAS & HALSEY LLP Our Docket: 1568.1077  
Attention: Michael D. Stein  
1201 New York Ave., N.W., Suite 700  
Washington, D.C. 20005
6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment)  
☒ Enclosed  
☐ Authorized to be charged to deposit account.
8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)  
(Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Michael D. Stein, Reg. No. 37,240

Name of Person Signing

Signature

Date

12/12/03Total number of pages including cover sheet: 1

DO NOT USE THIS SPACE

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG SDI CO., LTD.  
575, Shin-dong, Young-Lung-gu  
Suwon-city, Kyungki-do  
Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest in the invention entitled  
(Title of Invention)

## POUCH-TYPE LITHIUM SECONDARY BATTERY

relating to International Patent Application PCT/JP\_ / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was;

(a) executed on ;

(Insert date of execution of application, if not concurrent)

(b) filed on ;

Serial No. New;

Any registered attorney of STAAS & HALSEY LLP, 7201 New York Avenue, N.W., Suite 700 Washington, D.C. 20003 (202/434-1500) is hereby authorized to insert in (b) the specified date, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

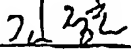
The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s). In any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1)	Joong-Hun Kim		1 Dec. 2003	
2)				
3)				
4)				
5)				
6)				
7)				

Please Date Stamp and return

Information Disclosure Statement; Form PTO-1449; Attachment 1(e); Attachment 1(f) and cited references

---

APPLICANT(S): Joong-Hun Kim

SERIAL NO: 10/733,335

CONFIRMATION NO. 7474

TITLE: POUCH-TYPE LITHIUM SECONDARY BATTERY

FILING DATE: December 12, 2003

DOCKET NO: 1568.1077/HIL:sw

DUE DATE: January 13, 2007



14

1/13



Attorney Docket No. 1568.1077

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Joong-Hun Kim

Application No.: 10/733,335

Group Art Unit: 1745

Filed: December 12, 2003

Examiner: Stephen J. Kalafut

For: POUCH-TYPE LITHIUM SECONDARY BATTERY

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.
- 1c. ☒ English language copy of a communication(s) from a foreign Patent Office or a PCT International Search Report.
- 1d. ☒ English language translation (Abstract Only) attached to non-English language publications as indicated on the attached Form PTO-1449.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of non-English publications.
- 1f. ☒ List of Copending Applications (ATTACHMENT 1(f), hereto).
- 1g. ☐ List of Additional Submitted Documents (ATTACHMENT 1(g), hereto).

2. ☐ This Information Disclosure Statement is filed under 37 CFR § 1.97(b):

*(Check either Item 2a or 2b or 2c or 2d)*

- 2a. ☐ Within three months of the filing date of a national application;
- 2b. ☐ Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application.
- 2c. ☐ Before the mailing of a first Office Action on the merits; or
- 2d. ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.



3. ☒ This Information Disclosure Statement is filed under 37 CFR § 1.97(c) after the period specified in paragraph 2 above but before the mailing date of any of a Final Office Action under § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise closes prosecution in the application, AND

*(Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)*

- 3a. ☒ The § 1.97(e) Statement in Item 5 below is applicable; OR  
3b. ☐ The \$180.00 fee set forth in 37 CFR § 1.17(p) is:  
☐ enclosed.  
☐ to be charged to Deposit Account No. 503333.

4. ☐ This Information Disclosure Statement is filed under 37 CFR § 1.97(d) after the period specified in paragraph 3 above, but on or before payment of the Issue Fee, AND

- 4a. ☐ The § 1.97(e) Statement in Item 5 below is applicable; AND  
4b. ☐ The \$180.00 fee set forth in 37 CFR § 1.17(p) is:  
☐ enclosed.  
☐ to be charged to Deposit Account No. 503333.

5. ☒ Statement under § 1.97(e) *(applicable if Item 3a or Item 4a is checked)*

*(Check either Item 5a or 5b)*

- 5a. ☒ In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.  
5b. ☐ In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

6. ☐ This is a continuation/divisional/continuation-in-part application under 37 CFR § 1.53(b).

*(Check appropriate Items 6a and/or 6b)*

- 6a. ☐ Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No. \_\_\_, filed on \_\_\_, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).  
6b. ☐ Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No. \_\_\_, filed on \_\_\_, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided herewith.


7. ☐ This is a Request for Continued Examination under 37 CFR § 1.114.  
(Check either Item 7a or 7b)
- 7a. ☐ The Issue Fee has not been paid.
- 7b. ☐ A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A Request for Continued Examination under 37 CFR § 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.114(a), respectively.
8. ☐ This is a Supplemental Information Disclosure Statement.  
(Check either Item 8a or 8b)
- 8a. ☐ This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on \_\_\_\_\_. A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on \_\_\_\_\_.
- 8b. ☐ This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §§ 1.97 and 1.98, mailed \_\_\_\_\_.
9. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:  
(Check appropriate Items 9a, 9b, 9c and/or 9d)
- 9a. ☒ satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2)
- 9b. ☐ set forth in the application.
- 9c. ☒ satisfied for the non-English language publication(s) indicated on the attached Form PTO-1449 as having an English language translation (Abstract Only) attached thereto.
- 9d. ☒ enclosed as Attachment 1(e), hereto.
10. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 503333.

Respectfully submitted,

STEIN, MCEWEN & BUI, LLP

Dated: 12/6/06  
1400 Eye St., N.W.  
Suite 300  
Washington, D.C. 20005  
Telephone: (202) 216-9505  
Facsimile: (202) 216-9510

By:   
Howard I. Levy  
Registration No. 55,378



Sheet 1 of 1

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF REFERENCES CITED BY APPLICANT</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO.	APPLICATION NO.
	1568.1077	10/733,335
	FIRST NAMED INVENTOR	
	Joong-Hun Kim	
	FILING DATE	GROUP ART UNIT
	December 12, 2003	1745

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	6,632,538 B1	10/2003	Yamazaki et al.			
	AB						
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
	AG	CN 1262790A	8/2000	China			x
	AH						
	AI						
	AJ						
	AK						
	AL						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

				TRANSLATION YES NO	
	AM	Office Action issued in Chinese Patent Application No. 200310123923.8 on October 13, 2006.		x	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1568.1077	10/733,335
	FIRST NAMED INVENTOR	
	Joong-Hun Kim	
	FILING DATE	GROUP ART UNIT
	December 12, 2003	1745

\*Reference AA (US 6,632,538 B1) is substantially equivalent to Reference AG (CN 1262790A).

**ATTACHMENT 1(f)**

<b>LIST OF COPENDING APPLICATIONS</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1568.1077	10/733,335
	FIRST NAMED INVENTOR	
	Joong-Hun Kim	
	FILING DATE	GROUP ART UNIT
	December 12, 2003	1745

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR § 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

**U.S. PATENT APPLICATION DOCUMENTS**

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
	1	11/186,835	July 22, 2005	Joong-Hun KIM	Samsung SDI Co., Ltd
	2				
	3				
	4				
	5				
	6				
	7				
	8				

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	